ROLODEX™

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ROLODEX™

User Manual

ROLODEX™

Table of Contents

1. Warning and Safety Instructions
2. Intended Use
3. System Requirements
4. Connecting the USB Hub
5. Troubleshooting
6. Technical Specifications
7. FCC Compliance Statement
8. 1 Year Limited Warranty

Congratulations on the purchase of your new hub! The hub will give you convenient access to power and USB connections anywhere on your desktop.

Please read this entire manual carefully before using your hub. Follow the instructions to prevent personal injury, property damage or damage to the hub and/or connecting devices.

This package includes any one of the following:

40115: 4-Port USB Hub
40114: 2 AC Power Hub
40116: Combo Hub 2-Port USB/1 AC Power

1. Warning and Safety Instructions

- Read the entire manual before operating and follow all warnings and safety instructions.
- These devices are not intended to be installed as part of a modular wiring system or within furniture.
- WARNING: Observe the maximum outlet current as indicated by the marking next to the outlet. The maximum current load for Models 40114 and 40116 is 6 amps total. Failure to observe current limits may result in fire.
- WARNING: The plug is being used as a disconnect means of these products. The unit should be used or installed near an easily accessible socket-outlet so as not to cause unnecessary strain on the power cord. Extension cords should not be used. Immediately discontinue use of the unit if the power cord becomes damaged in any way. Fire may result if used with a damaged or strained power cord.
- Keep the product away from high heat and humidity areas.
- Do not expose the unit to moisture or liquid. Immediately disconnect the power if liquid comes in contact with the unit.
- If the unit stops working, immediately disconnect the power cord to ensure safety. Never open the unit for any reason. Contact Customer Service Support for assistance.

- This unit is not intended to be serviced, fixed, repaired, or troubleshot by the consumers under any circumstances. Contact Customer Service Support for assistance.
- Replace the unit if dropped or damaged.

2. Intended Use

The Hub series are designed and intended to be used with desk and computer products. The Hub series is also designed to be used in or around computer accessories.

Specific uses include the following:

The 40114, 40115, and 40116 Hubs fit into a monitor stand, printer stand, laptop stand or desktop organizer unit - providing a power outlet and/or USB access.

The 40114, 40115, and 40116 Hub fits into a frame allowing it to sit on the desktop - providing a power outlet and/or USB access.

The 40115 and 40116 USB Hubs are used as a front-end extension of a laptop or CPU PC. Its USB cable is connected to one of the USB ports located on the laptop or CPU PC, so that the user can have an easy access to the 2 or 4 USB ports.

The power outlets on the 40114 and 40116 Hubs are designed to allow users to have easy access to power supply for the following items found in a desk environment:

- Monitor
- Printer
- CPU
- Laptop
- Lamp
- Speakers
- Stereo System
- Charging stations for PDA, Mobile Phone, Batteries, and Cameras
- Supplemental power for USB Hub, Hard Disk Drive, Scanner, and Phone

* These Hubs are 100% compliant with both USB 2.0 Hi-Speed specifications, and connects to both new USB 2.0 Hi-Speed performance peripherals, and USB 1.1 devices. The USB 2.0 Hi-Speed Hub allows users to add multiple higher performance peripherals, such as a high-resolution video conferencing camera, plus the next generation of scanners, printers and fast storage devices. The typical use of the USB ports on the combo hub is to allow users to have easy access, connection, and replacements of the following ITE accessories:

- Hard Disk Drive
- Flash Drive

- Card reader (SD card, Compact Flash card, Multimedia card, Memory Stick card)
- Bluetooth Access Point
- WiFi Access Point
- Game Pad
- Mouse
- Keyboard
- PDAs utilizing USB link to desktop or laptop PC
- Camera
- Printer / Scanner
- MP3 player
- Mobile phone

(Supplemental power may be needed for USB connections on devices above)

Key Features of Hub Series:

- The 40115 and 40116 Hubs come with a single USB cable with a USB connector.
- Connects USB 2.0 Hi-Speed or USB 1.1 devices through 4 type A (Downstream port) and 1 type B (Upstream port)
- Over current detection and protection on every downstream port
- Supports 1.5 / 12 / 480Mbps data rate
- Easy plug and play installation
- Compatible with Windows® and Mac OS
- Per port output voltage DC +5V/ output current : 500mA

3. System Requirements

To use the 40115 and 40116 USB hubs, your computer must meet the following hardware requirements and run one of the operating systems listed below.

NOTE: The USB 2.0 high speed ports are backward compatible, so you can connect it to a computer with either a USB 1.1 or 2.0 interface. When using the hub with a computer that has a version 1.1 USB interface, all of the devices attached to the hub will run at USB 1.1 speed (up to 12Mbps).

Hardware Operating System:

- PC with an Intel® Pentium® processor or equivalent and a hard disk drive
- 64 MB RAM or higher, depending on the operating system
- USB interface
- Windows® 98SE/Windows® Millennium/Windows® 2000/Windows® XP
- Mac OS X

4. Connecting the Hub

To connect the hub automatically to your computer and install the operating system's default drivers, follow the steps listed below for the hub model that you purchased. The hub comes with one high-speed A USB cable so that you can connect it to host computers.

1. Turn on your computer.
2. Plug the supplied cable's USB type A connector into a USB port on your computer.

3. If supplemental power is needed for high powered USB devices, an AC Power Adapter (Min 2.5 Amps) can be plugged into the hub and into an available electrical outlet. Your computer's operating system should automatically detect the new hardware and begins installing the appropriate default drivers (not included).
4. Follow the on-screen instructions to complete the driver installation. You can now connect USB devices to the hub or daisy-chain additional hubs.

Connecting Devices to the USB Hub:

To connect a USB device, plug it into a USB port on the hub and follow any additional instructions provided with the device. When connecting new devices to the hub, consider the following guidelines:

- When connecting a new device to the hub, you may need to run the Setup or Install program for that device.
- When connecting a device to the hub, to avoid possible damage, never force the cable connector into the port on the hub.

5. Troubleshooting

- Hub Not Seen

  Make sure you have installed all Mac OS and Windows® updates and patches pertaining to USB. These are available on the Microsoft® or Mac website. Make sure all cables are properly connected.

- Hub Not Working After Reboot

  Unplug the uplink cable (and the AC adapter cable if it is connected) from the hub. The uplink cable is plugged into the "Upstream Port." Wait two seconds. Plug the cable(s) back in.

- Hub Not Seen on a Laptop

  USB 2.0 Hubs may not work on all laptops. Try the hub on a desktop computer to confirm functionality. If this does not work, contact your computer dealer.

- Device Not Working

  Make sure that the device is firmly connected to the port on the hub.

  Plug the device into a different port on the hub. If it still doesn't work, test the device by connecting it directly to your computer.

  Check that you ran the Setup or Install program for the device.

  Make sure that the device appears in Device Manager.
  See "Verifying device is installed" below.

  Disconnect all devices from the hub and reconnect them, one at a time. Check that each device works before plugging in the next one.

Verifying Device is Installed

Windows Operating System:

To check that the hub is installed properly, use Device Manager to locate the Generic USB Hub on USB 2.0 Bus device. To access Device Manager for the Windows® 98/Me operating systems, right click My Computer, Properties, and then click the Device Manager tab. For the Windows® 2000/XP operating system, click Start, Control Panel, System, Hardware, then click the Device Manager button. To test that the hub is working properly, in the Device Manager window:

1. Select Universal Series Bus Controller to view if "Generic USB Hub" shows up and verify its presence and funcionality.
2. Click the Properties button or icon, depending on your operating system.
3. Verify that the message "This Device is working properly" appears.

Mac Operating System

To verify that the hub is installed properly, locate the Generic USB Hub on USB 2.0 Bus device by opening Apple System Profiler and clicking Devices and Volumes.

- If you continue to experience problems, contact customer service.

6. Technical Specifications

Power / USB Hub:	40116 1 Power Outlet / 2 USB Ports
POWER OUTLET:	
Standards:	UL listed 1 Grounded Outlet
Continuous Duty Rating:	120V/6A/720W Max 6 Amps total 18 gauge grounded heavy duty cord Designed for indoor use only
USB PORTS:	
Standards:	USB 1.1 and 2.0 Compatible
Operating Systems:	Windows 98, 98 SE, ME, 2000, X Mac OS 10.1 and Above
Data Speed:	High: 480 Mbps Full: 12 Mbps Low: 1.5 Mbps
Upstream Ports:	Series A plug x 1
Downstream Ports:	Series A receptacle port x 2
LEDs:	1 USB Indicator
Power:	Self-Power (DC Adapter): 500 Milliamps Bus Power (No Adapter): 100 Milliamps
External Power:	DC +5V / 1.5A min. ⊖ ● ⊙
Dimension (LxWxH):	90 mm x 37 mm x 10 mm
Operation Temp.:	0° C ~ 40° C
Humidity:	5-80% RH non-condensing

Power Hub:	40114 2 Outlets
Standards:	UL listed
	2 Grounded Outlets
Continuous Duty Rating:	120V/6A/720W
	Max 6 Amps total
	18 gauge grounded heavy duty cord
	Designed for indoor use only
Dimension (LxWxH):	90 mm x 37 mm x 10 mm
Operation Temp.:	0° C – 40° C
Humidity:	5-80% RH non-condensing
4 USB Hub:	40115 4 USB Ports
Standards:	USB 1.1 and 2.0 Compatible
Operating Systems:	Windows 98, 98 SE, ME, 2000, X
	Mac OS 10.1 and Above
Data Speed:	
High:	480 Mbps
Full:	12 Mbps
Low:	1.5 Mbps
Upstream Ports:	Series A plug x 1
Downstream Ports:	Series A receptacle port x 4
LEDs:	1 USB Indicator
Power:	Self-Power (DC Adapter): 500 Milliamps
	Bus Power (No Adapter): 100 Milliamps
External Power:	DC +5V / 2.5A Min ⊕⟵⊖
Dimension (LxWxH):	90 mm x 37 mm x 10 mm
Operation Temp.:	0° C – 40° C
Humidity:	5-80% RH non-condensing

7. FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

B. ONE YEAR LIMITED WARRANTY

Sanford warrants the following products:

- 40115: 4-Port USB Hub
- 40114: 2 AC Power Hub
- 40116: Combo Hub 2-Port USB/1 AC Power

to be free from defects in design, materials and workmanship for one year from the date of purchase. If this product is found to be defective within that time, we will promptly repair or replace it at our cost. This warranty does not cover accidental damage, wear and tear or consequential or incidental loss.

WHAT IS COVERED

This warranty covers this product only and only against defects in design, materials, or workmanship. If, after inspection of your returned product, we find that the product is defective in design, materials, or workmanship, we shall (at no charge to you) repair or replace the product at our discretion, and return the product to you. You are responsible for the full cost of shipping the product to Sanford, but there is no charge for the inspection or the return postage.

WHAT IS NOT COVERED

This warranty does not cover loss of or damage to a computer or other devices connected directly or indirectly to this Sanford product.
This warranty also does not cover any loss of or damage to data, programs, records, or other information. This warranty does not cover any defect or loss which would not have occurred if instructions in the owner's manual had been followed. This warranty does not cover other incidental or consequential damages, even if Sanford has been informed of their possibility. This warranty is in lieu of all other warranties, express or implied.

This warranty gives you specific rights, and you may also have other rights, which may vary from state to state or country to country.

HOW TO MAKE A WARRANTY CLAIM

To make a warranty claim, please contact customer support:

United States: 1-800-323-0749
Canada: 1-800-668-4547 Ext. 4242 or 4308
International: 931-270-4665
www.sanfordcorp.com

You will be required to provide proof of purchase at the time of your warranty claim, so please keep your original receipt showing the date of purchase.